

For Research Use Only

ECD Polyclonal antibody

Catalog Number: 10192-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

10192-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0245

GenBank Accession Number:

BC000721

GeneID (NCBI):

11319

UNIPROT ID:

O95905

Full Name:

ecdysoneless homolog (Drosophila)

Calculated MW:

73 kDa

Observed MW:

73 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells,

IP : HeLa cells,

IF : HeLa cells,

Background Information

The human suppressor of GCR two (hSGT1) was isolated by its ability to complement the growth defect of the *gcr2* mutant of *Saccharomyces cerevisiae*. Further work confirmed that the rescue of growth was associated with recovery of glycolytic enzyme activities of *gcr2*, and that hSGT1 did not complement the growth defect of a *gcr1* mutant. A hybrid protein comprising hSgt1p and the DNA-binding domain of Gal4p (GBD) activated a GAL1-lacZ reporter gene fusion, suggesting that the cloned gene may be a transcriptional activator. Two-hybrid experiments in yeast also indicate that hSgt1p interacts with Gcr1p. Northern analysis showed that hSGT1 is highly expressed in muscle and heart.

Notable Publications

Author	Pubmed ID	Journal	Application
Song-Hui Xu	26498357	Oncotarget	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

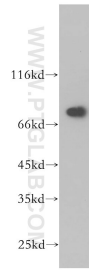
T: 4006900926

E: Proteintech-CN@ptglab.com

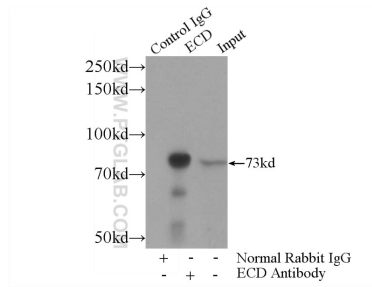
W: ptgcn.com

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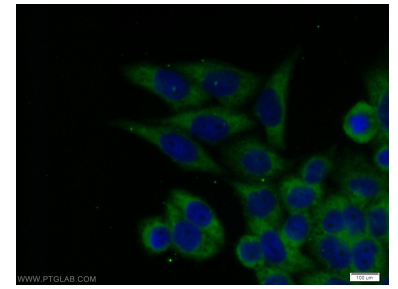
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10192-1-AP (ECD antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-ECD (IP:10192-1-AP, 4ug; Detection:10192-1-AP 1:300) with HeLa cells lysate 2480ug.



Immunofluorescent analysis of HeLa cells using 10192-1-AP (ECD antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).